

Electromechanical control panels

EVO 3

RANGE 0,5÷17,5HP

Direct starting electromechanical control panel 3 motors

- Protection fuse for each motor



GENERAL SPECIFICATIONS

- Operating voltage 230Vac $\pm 10\%$ 50/60Hz (SA671.xx)
- Operating voltage 400Vac $\pm 10\%$ 50/60Hz (SA681.xx)
- General disconnecting switch with door lock
- N°3 selector switches for automatic -0- manual operation (stable)
- Mains supply Led light
- N°3 running Led lights
- N°3 overload Led lights
- Auxiliary circuit protection fuse
- Transformer for auxiliary circuit
- Protection fuse for each motor
- N°3 contactors
- N°3 thermal relays (internal reset)
- Connection terminal board
- External thermoplastic box
- Cable glands
- Protection degree IP65
- Operating temperature $-5/+40^{\circ}\text{C}$

PROTECTIONS

- Maximum current protection for each motor with alarm

INPUTS / OUTPUTS

- N°2 very low voltage input for pressure switch or float switches (minimum/maximum motor 1 level)
- N°2 very low voltage input for pressure switch or float switches (minimum/maximum motor 2 level)
- N°2 very low voltage input for pressure switch or float switches (minimum/maximum motor 3 level)

SINGLE-PHASE 230Vac ±10% 50/60Hz

| CODE | TYPE | POWER | | OPERATING CURRENT [A] | DIMENSIONS mm | | | WEIGHT Kg | BOX |
|-----------|----------------|-------|------|-----------------------|---------------|-----|-----|-----------|-----|
| | | kW | Hp | | A-H | L-W | P-D | | |
| SA671.00L | EVO 3 230 0,5 | 0,37 | 0,5 | 3x(2,5÷4) | 460 | 380 | 150 | 10,6 | 07 |
| SA671.01L | EVO 3 230 0,75 | 0,55 | 0,75 | 3x(4÷6,5) | 460 | 380 | 150 | 10,6 | 07 |
| SA671.02L | EVO 3 230 1 | 0,75 | 1 | 3x(6,3÷10) | 460 | 380 | 150 | 10,6 | 07 |
| SA671.03L | EVO 3 230 1,5 | 1,1 | 1,5 | 3x(6,3÷10) | 460 | 380 | 150 | 10,6 | 07 |
| SA671.04L | EVO 3 230 2 | 1,5 | 2 | 3x(9÷14) | 460 | 380 | 150 | 10,6 | 07 |
| SA671.05L | EVO 3 230 3 | 2,2 | 3 | 3x(13÷18) | 460 | 380 | 150 | 10,6 | 07 |

THREE-PHASE 400Vac ±10% 50/60Hz

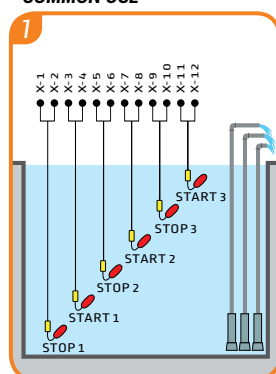
| CODE | TYPE | POWER | | OPERATING CURRENT [A] | DIMENSIONS mm | | | WEIGHT Kg | BOX |
|--------------|----------------|-----------|---------|-----------------------|---------------|-----|-----|-----------|-----|
| | | kW | Hp | | A-H | L-W | P-D | | |
| SA681.00L | EVO 3 400 0,5 | 0,37 | 0,5 | 3x(1,1÷1,6) | 460 | 380 | 150 | 10,6 | 07 |
| SA681.01/02L | EVO 3 400 1 | 0,55÷0,75 | 0,75÷1 | 3x(1,6÷2,5) | 460 | 380 | 150 | 10,6 | 07 |
| SA681.03L | EVO 3 400 1,5 | 1,1 | 1,5 | 3x(2,5÷4) | 460 | 380 | 150 | 10,6 | 07 |
| SA681.04L | EVO 3 400 2 | 1,5 | 2 | 3x(4÷6,5) | 460 | 380 | 150 | 10,6 | 07 |
| SA681.06/07L | EVO 3 400 4 | 2,2÷3 | 3÷4 | 3x(6,3÷10) | 460 | 380 | 150 | 10,6 | 07 |
| SA681.09L | EVO 3 400 5,5 | 4 | 5,5 | 3x(9÷14) | 460 | 380 | 150 | 10,6 | 07 |
| SA681.10L | EVO 3 400 7,5 | 5,5 | 7,5 | 3x(13÷18) | 460 | 380 | 150 | 10,6 | 07 |
| SA681.11L | EVO 3 400 10 | 7,5 | 10 | 3x(17÷23) | 460 | 380 | 150 | 10,6 | 07 |
| SA681.12L | EVO 3 400 12,5 | 9,2 | 12,5 | 3x(20÷25) | 460 | 380 | 150 | 10,6 | 07 |
| SA681.13/14L | EVO 3 400 17,5 | 11÷13 | 15÷17,5 | 3x(24÷32) | 460 | 380 | 150 | 10,9 | 07 |

OPTIONALS

| CODE | TYPE |
|----------------|---|
| OP100.02/0 | Automatic -0- manual selector switch (from stable to unstable) |
| OP100.02/1 | Wired start-stop button |
| OP100.04/4 | Wired lack, sequence and asymmetry of phases relay |
| OP100.04/5 | Wired lack, sequence and asymmetry of phases relay, minimum and maximum voltage |
| OP100.05 | Wired single-phase surge arrester type 2 |
| OP100.05/1 | Wired three-phase surge arrester type 2 |
| OP100.15/024 | Wired hour counter 24Vac 48x48 |
| OP100.16/1 | Wired analog daily timer 72x72 without reserve |
| OP100.16/2 | Wired analog daily timer 72x72 with reserve |
| OP100.19/4 | Wired module GSM 4 inputs/4 outputs |
| OP100.09/2 | Wired lithium battery 3,7Vdc 600mAh |
| OP210.01 | Wired very low voltage input for motor klixon |
| OP200.01 | Alarm output 24Vac and pure contact |
| OP100.13/1 | Wired siren shut-off button |
| OP100.13/1/24 | Wired siren 24Vac/dc |
| OP100.13/2/24L | Wired flashing Led lamp 24Vac |
| SS100.01 | Visual and acoustic alarm indicator (BASIC ALARM VA 024) see page 20 |
| SS101.01 | Visual and acoustic alarm indicator with buffer battery (TOP ALARM VAB 230) see page 19 |

For more optionals see page 126

COMMON USE



COMPONENTS KEY

 Float switch for clean water